

**FY 2001 - 2006 PERFORMANCE BASED INCENTIVE****SECTION 1  
General Information**

Title: Tank Characterization

Project Baseline Summary (PBS): TW01

Work Breakdown Structure (WBS): 1.01.06.08.01

Maximum Available Incentive Fee: 1.8 percent of the total available FY 2001 – 2006 incentive fee pool

Type: Stretch

**SECTION 2  
Technical Contacts**

ORP Point of Contact: D. Bryson/Wen-Shou Liou

Contractor Point of Contact: D. Allen/R. Powell

**SECTION 3  
Performance Expectations and Earning Schedule****General:**

1. The Contractor's final fee will be determined in accordance with clause H.1, Performance Based Incentives and Fee Distribution.
2. Performance Based Incentives (PI) may be modified to reflect changes to the project baseline resulting from external drivers, such as, submission and approval of TPA change requests for consistency purposes.
3. Acceptable product completion represents technical adequacy and good value to the government.
4. This PI was based upon a previously negotiated and/or approved PI for FY 2001. Previously approved PIs were deleted upon entering into the contract extension.

**Specific Requirements:**

1. Perform the following tank waste samples by September 30, 2001: (60% of fee)
  - Complete 10 Core Samples
  - Complete 14 Grab Samples
  - Complete 6 Type IV Vapor Samples
2. Complete Laboratory Analysis Reports (LARs) for the following tank waste samples by September 30, 2001: (20% of fee)
  - 2 LARs Based on Core Samples
  - 12 LARs Based on Grab Samples
  - 6 LARs Based on Vapor Samples
3. Complete the Draft and Final FY 2002 Technical Sampling Basis – Waste Information Requirements Documents (TSB-WIRD), as follows: (10% of fee)
  - Complete the Draft TSB-WIRD by June 15, 2001 (5%)
  - Complete Final TSB-WIRD by August 20, 2001 (5%)

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4. Complete the following: (10% of fee)
  - 12 Tank Characterization Reports (TCRs) by September 20, 2001,
  - deliverables defined in the FY01 TSB-WIRD by September 30, 2001. This includes changes documented in the FY01 TSB-WIRD quarterly reports. In addition, the record of completion will be documented in the fourth quarter TSB-WIRD quarterly Status Report due to DOE-ORP October 20, 2001, and
  - inputting the LAR Characterization Data into the electronic database within 7 days of LAR publication.

**SECTION 4****Performance Requirements**

**DEFINE COMPLETION:** *(Specify Performance Elements and describe indicators of success (quality/progress). Include baseline documentation/data against which completion documentation should be compared.)*

1. A core [grab, vapor] sample is completed when the last segment [sample bottle, vapor sample container] as specified in the Tank Sampling and Analysis Plan (TSAP) has been received by the analytical laboratory, and the chain of custody has been signed by the laboratory's sample receiving official. ORP will provide personnel to perform field verification.
2. A LAR is completed on the date of the document's cover page is signed.
3. The draft FY 2002 TSB-WIRD is complete when ORP coordination comments are resolved. The final FY 2002 TSB-WIRD is complete when DOE-ORP and Washington State Department of Ecology comments on the draft FY 2002 TSB-WIRD have been resolved and the final FY 2001 TSB-WIRD has been delivered to DOE-ORP.
4. The TCRs are completed when DOE-ORP comments have been resolved and the TCR is released to the public via the Tank Waste Information Network System (TWINS) at internet address <http://twins.pnl.gov/twins3/twins.htm>. The FY 2001 WIRD deliverables expectation is complete when completion of the field activities as of September 30, 2001, are documented in the fourth quarter FY 2001 WIRD Quarterly Status Report due in October 2001.

**DEFINITIONS:** *(define terms)*

1. A Core Sample is composed of one to 23, nineteen-inch segments of tank waste depending on the depth of the waste in the tank. The number of core samples required to meet programmatic needs is documented in the individual TSAP.
2. A Grab Sample is a volume of liquid or soft sludge taken from one tank riser at multiple tank depths. Sampling cost increases as volume increases. Therefore, Grab Samples are defined as follows:

Volume	Grab Sampling Events
0 - 1 (using 125ml sampler) or 0-5L (using 500ml sampler)	1
1 - 2 (using 125ml sampler) or 0-5L (using 500ml sampler)	1.2
2 - 3 (using 125ml sampler) or 0-5L (using 500ml sampler)	1.3
3 - 4 (using 125ml sampler)	1.5
4 - 5 (using 125ml sampler)	1.7

**COMPLETION DOCUMENTS LIST:** *(Name the Documents, Databases, etc., which will be submitted to show completion for each Performance Expectation.)*

1. Chain-of-Custody form for each tank waste sample completed.
2. Laboratory Analysis Reports – name is dependent on tank sampled. Document number is to be assigned.
3. Technical Sampling Basis -Waste Information Requirements Document for FY 2002.
4. Tank Characterization Reports. Availability of the Tank Characterization Reports on the TWINS at internet address <http://twins.pnl.gov/twins3/twins.htm> shall constitute the documentation of completion.
5. TSB-WIRD fourth quarterly report, letter from contractor to DOE-ORP.

**SECTION 5**  
**Signatures**

\_\_\_\_\_  
ORP Contracting Officer Representative/Date

\_\_\_\_\_  
CHG President and General Manager/Date

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ORP Contracting Officer/Date

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CHG Contract Representative/Date